

WHAT IS CLAIMED IS:

1. A mechanism for rapidly installing and detaching a hard disk, comprising:
 - a U-shaped handle pivotally mounted at both sides of the hard disk, the handle having a width slightly larger than that of the hard disk, the handle including a latch in a forward side; and
 - a frame for receiving the hard disk, the frame including an elastic member in a forward end, the elastic member including a projection on a side, the projection being adapted to engage with the latch,
- 10 whereby, while pivoting the handle down into a gap between the hard disk and the frame, the latch of the handle is engaged with the projection of the frame enabling the sides of the hard disk to urge against the frame and the handle for fastening the hard disk in the frame.
2. The mechanism of claim 1, further comprising two abutment plates coupled to pivot points of the handle and the hard disk, wherein both ends of the handle are pivotally coupled at a gap between the sides of the hard disk and the abutment plates so that the handle is protected by the abutment plates when the handle contacts a foreign object.
3. The mechanism of claim 1, further comprising a groove around the projection of the frame, the groove being operative to confine the projection of the frame therein.